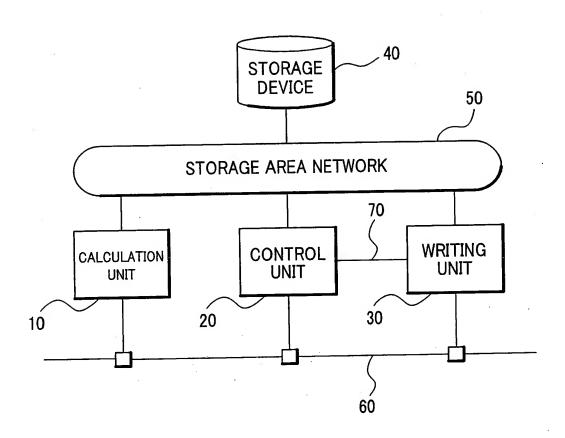
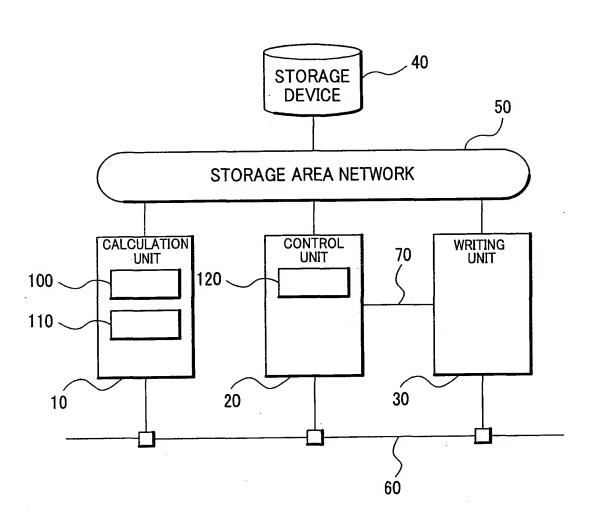
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FIG.1



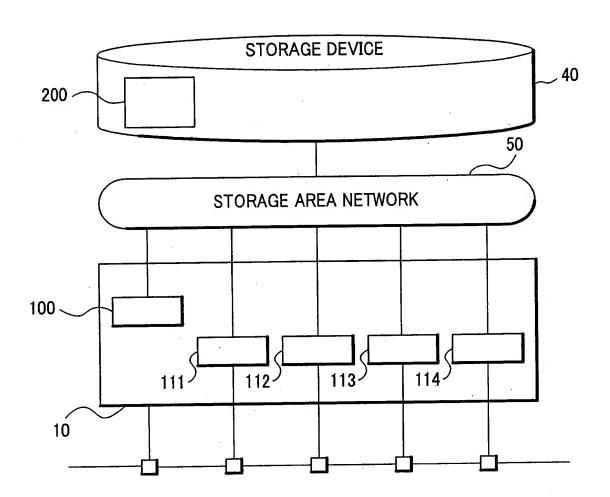
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 2 of 21

FIG.2



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FIG.3



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FIG.4

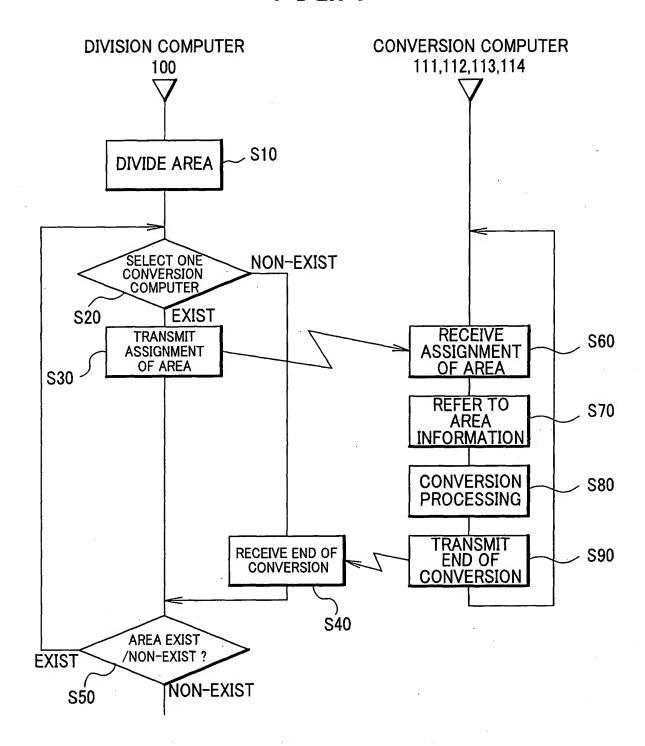
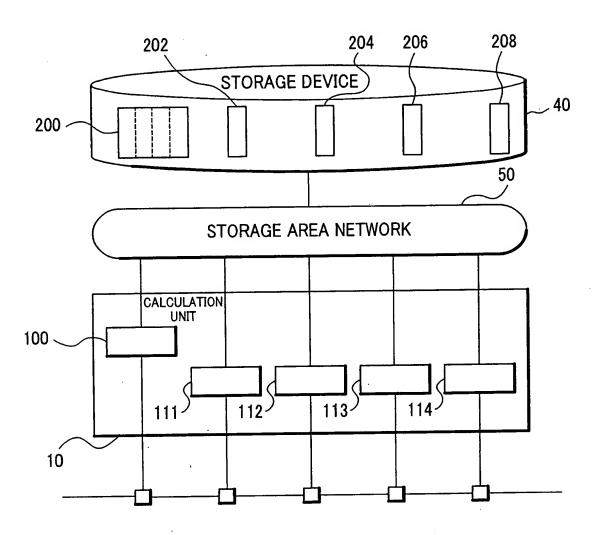
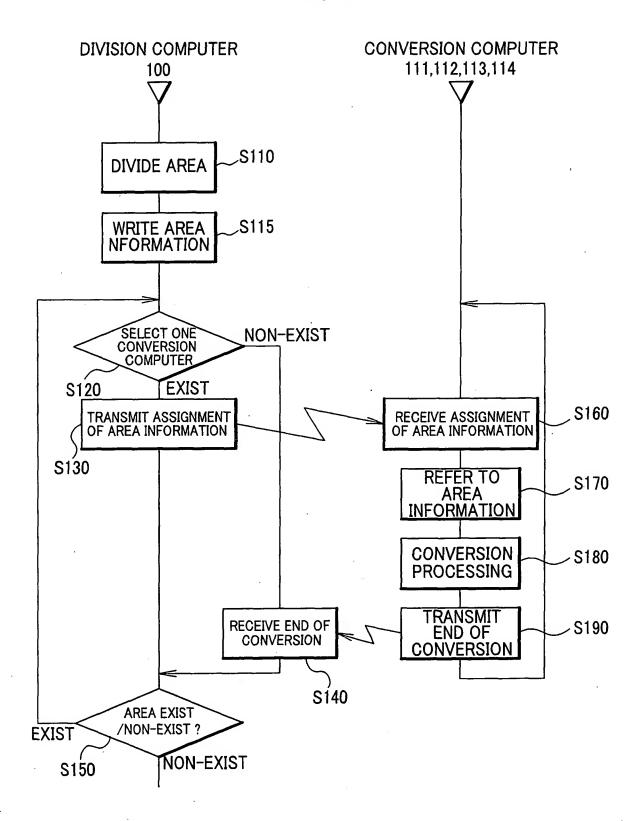


FIG.5



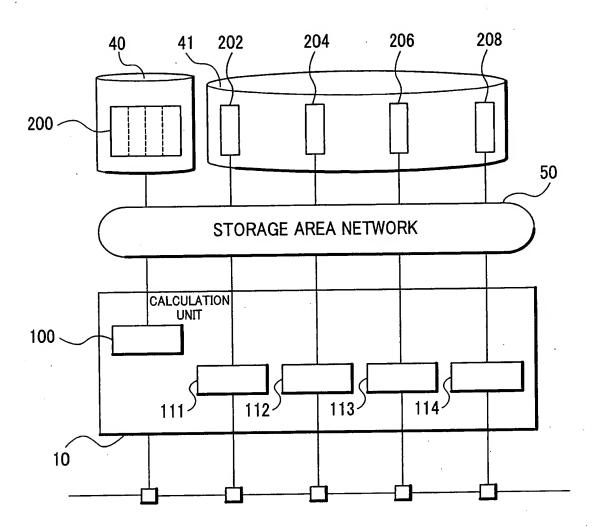
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 6 of 21

FIG.6



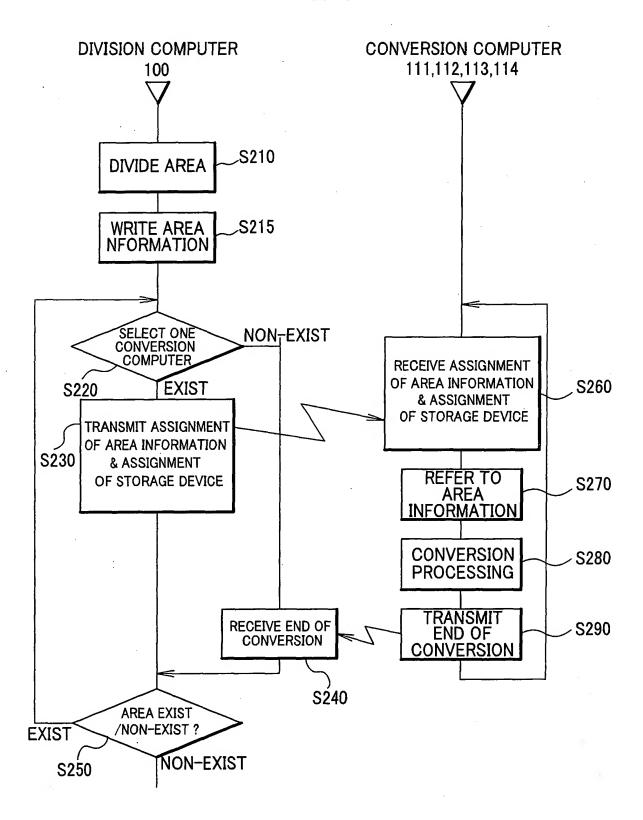
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 7 of 21

FIG.7



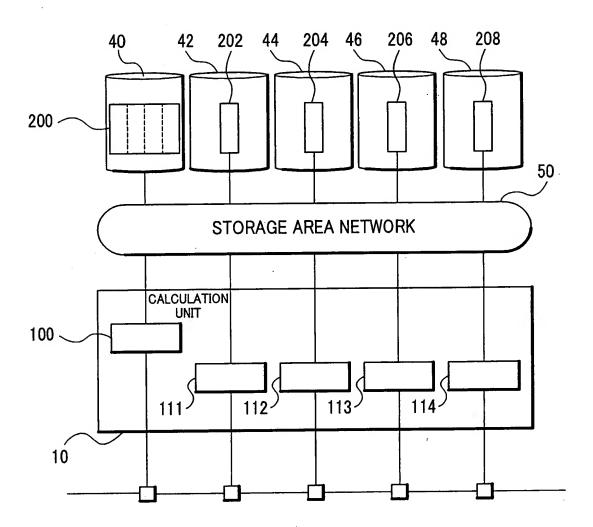
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 8 of 21

FIG.8



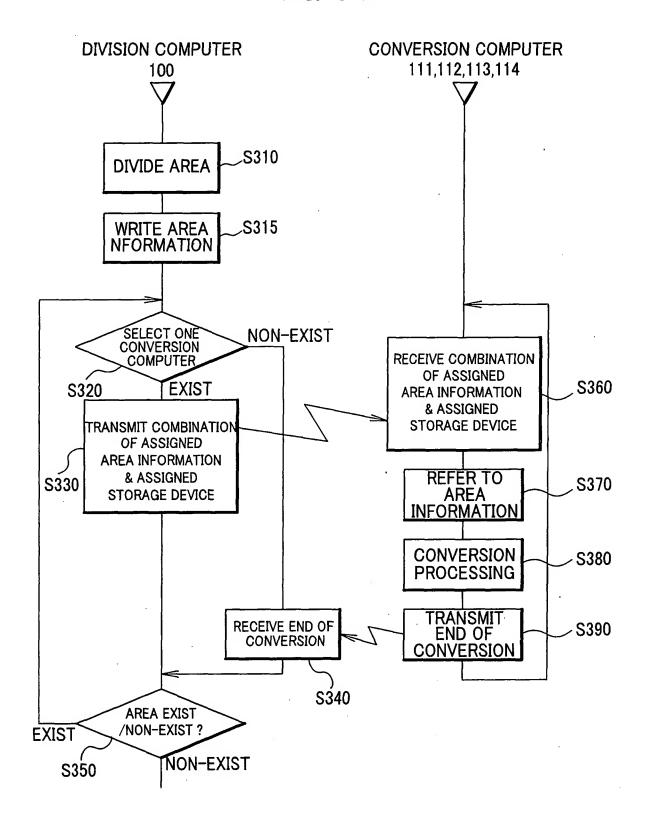
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 9 of 21

FIG.9



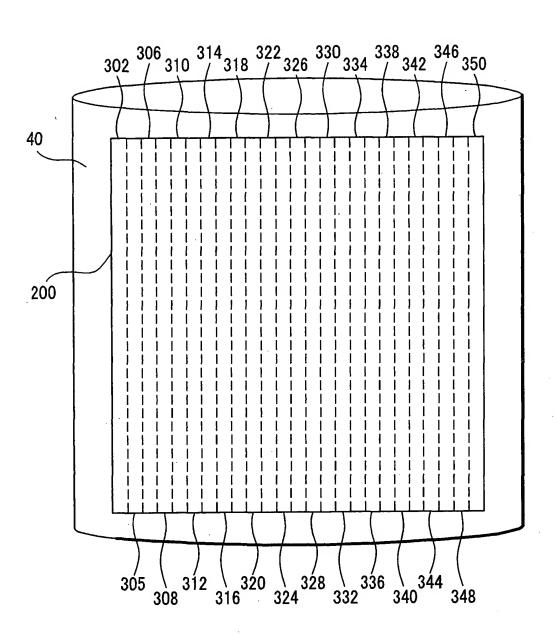
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FIG. 10



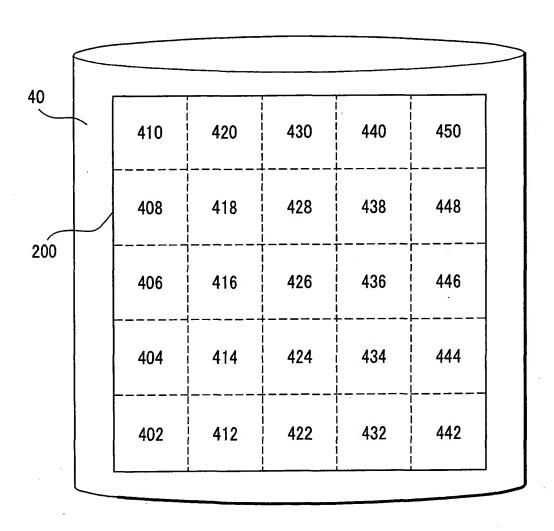
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FIG.11



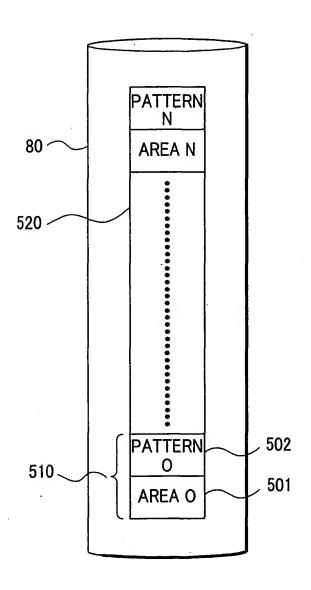
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FIG.12



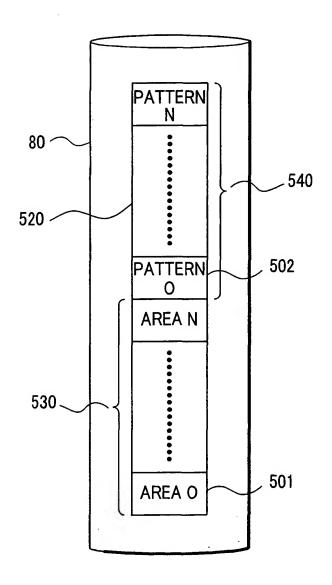
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FIG.13



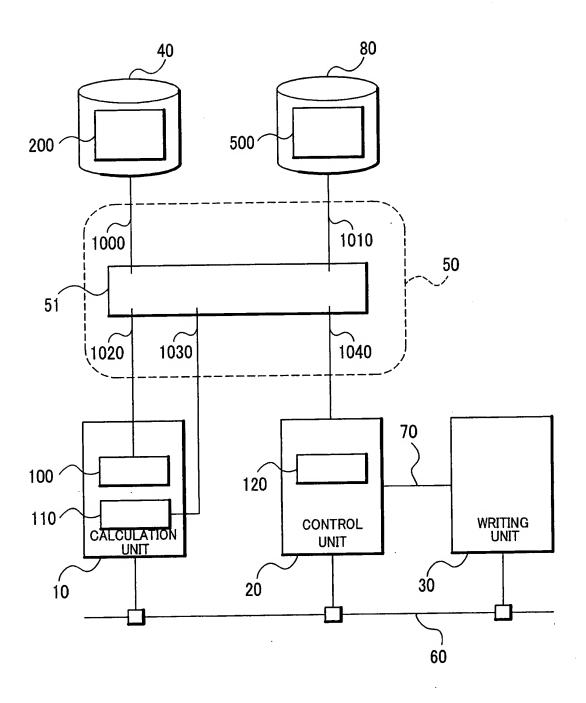
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FIG.14



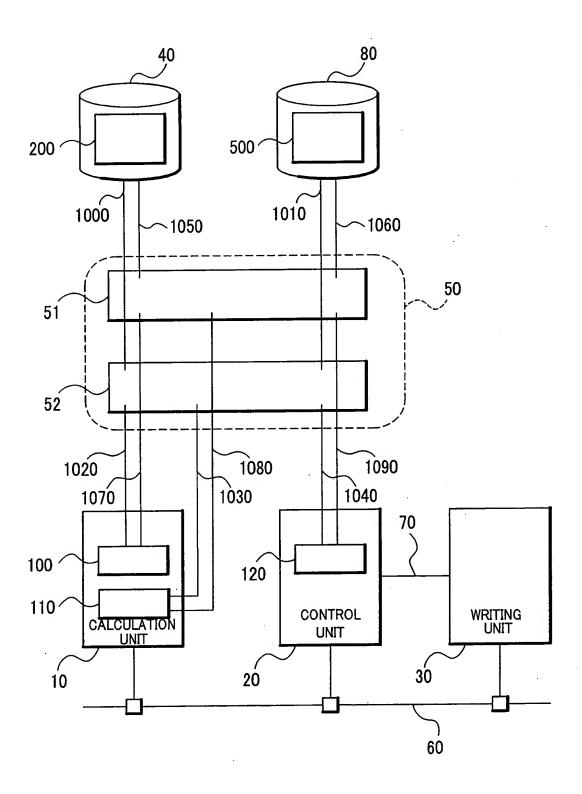
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FIG.15



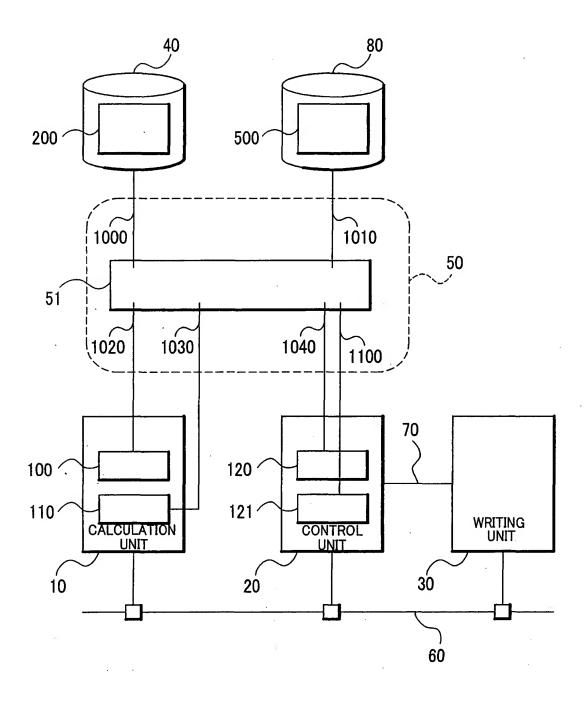
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 16 of 21

FIG.16



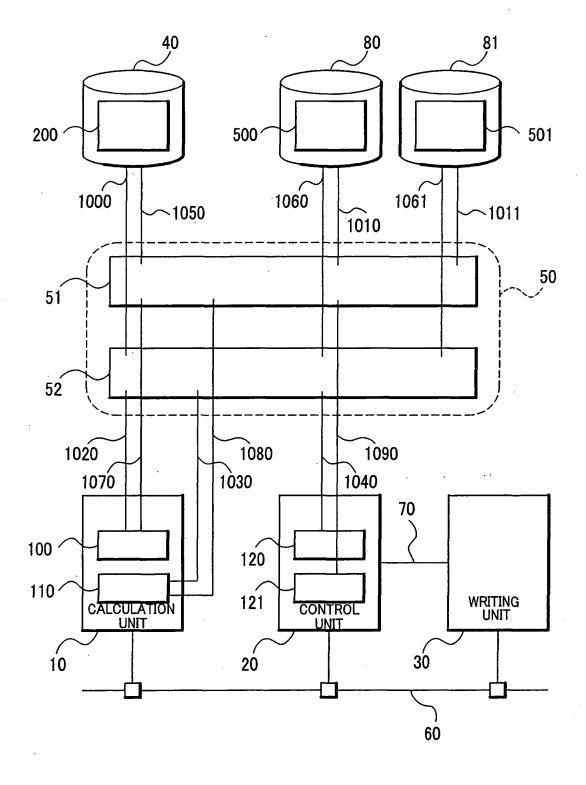
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FIG.17



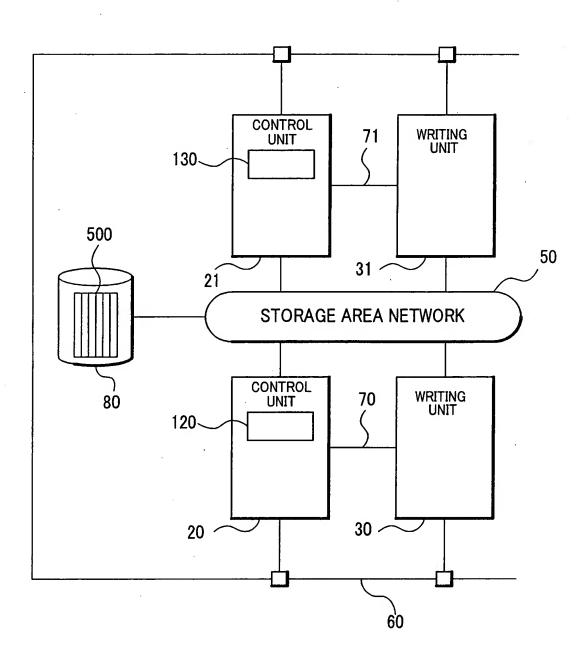
Hogan & Hartson 83394.0010 Hidemitsu NAYA et al. Semiconductor Manufacturing Apparatus EV 325 216 933 US 21 Drawing Sheets; Sheet 18 of 21

FIG.18



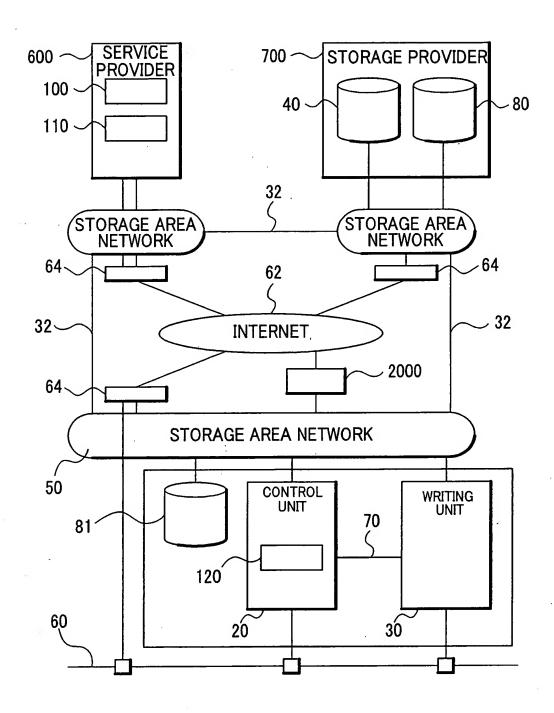
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FIG.19



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FIG.20



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FIG.21

